BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	26: Applied Agricultural Farming Practice
Learning aim(s)	**B:** Investigate livestock systems and perform animal husbandry tasks
Assignment title	**Healthy Livestock Production**
Assessor	
Issue date	
Hand in deadline	
Vocational Scenario or Context	You are working on a large mixed farm and your supervisor has asked you to produce some information about livestock production for a display at a local farming event. Your evidence will also include a portfolio of all your practical work in relation to livestock production.
Task 1	In preparation for the display at the event you need to gather information about how to maintain healthy livestock production. You will put your information together as a practical portfolio. Your portfolio must include: • A scientific poster covering the different production system types, their breed characteristics and products. Analyse the information produced, considering the impact that production systems have on animal welfare. • An investigation into the nutritional requirements and feeding and watering strategies for farm livestock. Justify choices made and how this relates to the quality of the produce and the maintenance of high standards of animal welfare. • Evidence of your practical activities in relation to livestock production; including the use of safe, efficient and correct handling and restraint techniques, the selection of appropriate equipment and PPE in order to maintain high standards of animal health and welfare. You must demonstrate your practical skills in routine and complex situations. • Evidence should include Observation Records and/or Witness Statements, video and/or detailed annotated photographs and a diary/log of activities. • Produce a written reflection of your practical activities in which you justify your practice, how it can have an impact on animal welfare and the effects this can have on production systems. Use accurate agricultural terminology and principles throughout your portfolio.
Checklist of evidence required	Practical portfolio, to include written evidence, Observation Records and/or Witness Statements, video and/or detailed annotated photographs and a reflective diary/log of

	activities.
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
B.D2	Effectively practice animal husbandry, showing confident understanding of the factors that impact welfare and quality of produce through review of own performance
B.M3	Analyse the factors that determine the quality of livestock in the production system for farm livestock within own practice.
B.M4	Demonstrate efficient and correct handling and restraining techniques while maintaining livestock health and welfare
B.P3	Assess the characteristics of different production systems, their breeds and products, considering the impact on welfare
B.P4	Apply appropriate nutritional practice for livestock, based on investigation of nutritional requirements for farm livestock and the relationship to quality produce
B.P5	Select and apply safe and appropriate handling and restraining techniques, and use of equipment to maintain the welfare of livestock

Sources of information to support you with this Assignment	**Books** Dorling Kindersley *The Business Book: Big Ideas Simply Explained* (Dorling Kindersley 2014) ISBN: 978 - 1409341260 IAgSA *Farm Office Handbook* (Old Pond Publishing 2017) ISBN: 978 – 1910456576 MacHer R. *Making Your Small Farm Profitable* (Storey Books 1999) ISBN: 978 – 1580171618 Nutthall P.L. *Farm Business Management: Analysis of Farming Systems* (Cabi Publishing 2011) ISBN: 978 – 184593839